



Illinois Aviation



4th Quarter 2011

SEMINARS, SEMINARS AND MORE SEMINARS!

The **Super Safety Seminar**, January 7, 2012, launches the IDOT Division of Aeronautics winter seminar season. This seminar is sponsored by the IDOT Division of Aeronautics, FAA Springfield FSDO and the Illinois FAASTeam. Seminar speakers this year include John Nowicki from Packer Engineering, presenting "Accident Causal Factors", Rogers Shaw from the FAA Civil Aeronautical Medical Institute presenting "Fatigue and Stress", Jim Sweeney presenting "Presidential TFRs". A special seminar session will be devoted to temporary flight restrictions (TFRs). As we enter another election year pilots can expect to see more frequent flight restrictions due to Presidential activity. TFR violations invariably result in enforcement action and also jeopardize the privileges that we as pilots enjoy.

For more information contact:

Dale Rust, IDOT, Division of Aeronautics

(217) 524-5269; email: Dale.Rust@Illinois.gov

Carol Para, IDOT Division of Aeronautics

(217) 785-4989; email: Carol.Para@Illinois.gov

Date: January 7, 2012

Location: Hanley R. Hanley Building (IDOT Administration Building) 2300 S. Dirksen Parkway, Springfield, Illinois. The seminar will be held in the auditorium on the lower level.

Parking: Available in the main Hanley Building parking lot.

Fees: There is no charge for either the seminar or parking.

Refreshments: Morning coffee and donuts and afternoon snacks will be available. Lunch can be purchased at one of the numerous nearby eateries.

Schedule:

Registration and Refreshments	8:00 – 9:00
Morning Seminars	9:00 – 12:00
Lunch Break	12:00 – 1:30
Afternoon Seminars	1:30 – 3:30

The **Chicago Aviation Expo, IFR/VFR, Helicopter and Companions Seminar**, will be held Saturday, January 28, 2012. The Expo is jointly sponsored by the Chicago Area Chapter Ninety-Nines, IDOT Division of Aeronautics, FAA's Illinois FAASTeam, FAA DuPage FSDO and the Illinois Association of Air and Critical Care Transport (IAACCT).

IFR topics will include "IFR Chart Review" and "Accident Causal Factors" presented by John Nowicki of Packer Engineering; "IFR Situational Awareness Using Electronic Flight Bags" by Rick Todd; and "Holding Patterns Made Easy" presented by E. Allan Englehardt. VFR topics will include "Tower Operations Update" presented by Aurora Tower, "Non-towered Airport Operations" by E. Allan Englehardt, "Managing Fatigue and Stress" by Rogers Shaw, "Presidential TFRs" by Jim Sweeney, and "Operation & Maintenance of Continental & Lycoming Engines" presented by Mike Carey of Poplar Grove Airmotive. Helicopter seminars will include presentations by John Williams, Pilot Safety Training Manager from Bell Helicopters and Jerry Lay from IDOT Division of Aeronautics.

A program for companions will be offered. This program provides non-pilots with an opportunity to learn more about flight. The companion's program will be held in





Ribbon cutting ceremony for runway 9-27 at the Quad City International Airport

MESSAGE FROM THE DIRECTOR SUSAN R. SHEA, Ph.D.



With the hustle and bustle of the holiday season, we would like to pause and salute the men and women who graciously serve and have served in the armed forces to allow us the privilege of our freedom. Thank you!

We would like to congratulate more than 70 flight instructors who renewed their certificates by completing the 16th Annual Flight Instructor Refresher Clinic. It is an honor to have you on our team instructing the pilots of the future! We greatly appreciate your efforts.

Airplane and pilot registration renewal is in progress with the January 1, 2012, deadline fast approaching. Your registration fees are hard at work. They help fund aviation and maintenance safety seminars, and support engineering and management of airport construction projects that make Illinois' airport system one of the best and biggest.

Our seminars are convenient and, forgive my bias, simply outstanding. If you have not attended one of our seminars, you are really missing out! Refer to our Calendar of Events for seminar details and to keep connected with aeronautic events in Illinois.

We are dedicated to keeping our airports safe and current with the newest FAA guidelines and procedures. We are proud that four of our staff members were co-presenters at the FAA Great Lakes Region Airports Conference in November. They are Robert Hahn and Alan Mlacnik who spoke on Special Event Planning and Coordination on Airports, and Terry Tappenback

and Kathy Comrie who covered Land Use Planning. What a pleasure it is to work with such skilled people.

This winter, a bird's eye view of the Illinois landscape is truly spectacular. Do not let this beauty go unseen; spend time in the air.

Fly High... Fly Safe... **Susan Shea**

SEMINARS *(continued from p. 1)*

the private dining room of the Holiday Inn Itasca, and will include sessions on "Why Does it Fly" and "Planning a Cross Country Flight".

Vendor displays provide an opportunity for participants to explore new aircraft types such as sport aircraft, gliders and technically advanced aircraft as well as to view or purchase the latest pilot supplies.

For more information contact:

Carol Para, IDOT Division of Aeronautics and Chicago Area Chapter 99s IFR/VFR Seminar Chairman

(217)785-4989 email: Carol.Para@Illinois.gov

Vendor inquiries are welcome - contact Carol Para.

Date: January 28, 2012

Location: Holiday Inn Itasca, 860 W. Irving Park Road, Itasca, Illinois.

Parking: The Holiday Inn has a large parking lot. The overflow parking area is the Anacom lot immediately to the west of the Holiday Inn.

Fees: There is no charge for either the seminar or parking.

Refreshments: Morning coffee and donuts and a buffet lunch will be available for purchase.

Schedule:

Registration and Refreshments	8:00 – 8:45
Open Remarks in the IFR Room	8:45 – 9:05
Morning Seminars	9:15 – 12:05
Lunch Break	12:05 – 1:30
Afternoon Seminars	1:30 – 3:30

WINGS Credit:

These seminars qualify for WINGS credit. For a complete schedule and to register for WINGS credit, log onto www.faasafety.gov.





ROD HIGHTOWER, PRESIDENT OF EAA WILL BE THE KEYNOTE SPEAKER AT THE 2012 ULTRALIGHT AND LIGHT SPORT SAFETY SEMINAR

The **32nd annual IUAC Ultralight /Light Sport Safety Seminar** hosted by the IDOT, Division of Aeronautics; the Illinois Ultralight Advisory Council (IUAC); the FAA Springfield FSDO; and the FAA FAASTeam will be held on Saturday March 3, 2012, at the Illinois State Fairgrounds, Illinois Building Auditorium in Springfield, Illinois.

Rod Hightower, President of EAA will be the keynote speaker at the program this year. Other topics will include powered paragliding, Rotax engine management, and electronic flight bags. Jeff Goin will emcee the program.

The exhibit area will feature vendor displays representing various types of recreational aircraft and accessories including fixed wing, trikes, sport plane, powered parachutes, rotorcraft, powered paragliders and ultralights. If you are interested in displaying equipment in this segment of aviation, please contact one of the following:

Dale Rust, IDOT/Div. of Aeronautics

(217) 524-5269; email: Dale.Rust@Illinois.gov

Jim Sweeney, Illinois Ultralight Advisory Council

(847) 612-8437; email ragwing@att.net

Date: March 3, 2012

Location: Illinois State Fairgrounds, Illinois Building

Auditorium in Springfield, Illinois. Enter the fairgrounds from the main entrance off Sangamon Avenue. The Illinois Building is the first building on the left.

Parking: Available in the lot located just past (north of) the Illinois Building.

Fees: There is no charge for parking or admission to the seminar.

Schedule:

Registration	8:00 – 9:00
Morning Seminars	9:00 – 11:30
Lunch	11:30 – 1:00
Afternoon Seminars	1:00 – 4:00
Vendor Exhibits	8:00 – 4:00

Speaker Schedule: Complete schedule will be posted on www.faasafety.gov and at the IUAC site, www.safety-seminar.com, in January.

IN BRIEF

The 2012-2013 Pilot and Aircraft Registration Cycle has begun. Pilot and aircraft certificates have been mailed to those who have already registered. For those who still need to register, online registration is available at <http://www.dot.state.il.us/aero/>. There is a \$1 processing fee for those who register online.





WINTER FLYING TIPS

Like it or not, winter is here. Many pilots park the airplane and dream of summer. Some even head south to warmer climates. For those who brave the cold so they can enjoy the crystal clear, calm wind days, we have a few winter flying tips:

- If your aircraft isn't hangared, make sure the wings and cowlings are covered. Ice builds on the wings, resulting in inefficient airflow and longer takeoff runs. If you don't have covers for the wings, use a hand broom to brush off snow and ice.
- Consider getting a new battery before winter sets in.
- Because of contraction and expansion caused by temperature changes, control cables should be properly adjusted to compensate for those changes. Your airframe and power plant mechanic should check the tension and make any adjustments needed.
- Park in the direction that the sun rises in the morning; it will help melt the snow and ice on the windshield. It will also help warm the cockpit. Cover the pitot tubes and vents.
- Use a preheating device but have a fire extinguisher nearby and someone to supervise the preheating. Prime at least three times before starting the engine (check your aircraft manual). Have a carbon monoxide detector, especially if you have a tightly sealed airplane.
- Take off the airplane's wheelpants. Ice and slush can collect under the pants and cause the wheels or brakes to lock up when you land.
- When taxiing, look out for ice. Check the brakes so you know that you can stop when doing your run-up. Attempting to perform a run-up on ice can result in sliding out of control.

- Dress warmly, pack a snack bar, and keep a well-stocked survival equipment kit.

Winter flying has its challenges, but you also have the best performance from your aircraft. Pull out an extra pair of socks, put on your gloves and hat, and head to the airport for a wonderful winter flight.

WINTER SURVIVAL GEAR

By David J. Hoerner, Montana Department of Transportation

As the days roll on, the lowering of early morning temperatures gives warning of things to come. The leaves are turning color and darkness comes earlier with each passing day. We grumble about cold winter nights with blizzards' and fresh snow, but the changing of the season brings anticipation of new things to come.

Pilots should be thinking about the risk associated with winter flying. As the cold air rolls in we know that visibilities drop and not far up is freezing moisture that will adhere to the skin of an aircraft. The warmth of long summer days and high clouds departs and pilots enter into a time when smart decisions need to be made before each winter flight.

In the case of a forced landing or an unexpected overnight stay, having the right cold weather survival gear could make surviving possible. During the colder months we maintain a body temperature by adding more clothes. This body temperature makes it possible to function with clear thought and dexterity.

In an aircraft wreck, time isn't on your side. Imagine being trapped in an airplane or standing beside the wreckage at 10 below zero. At that temperature there would be only minutes to react before the cold would take control. The bottom line is that staying warm becomes paramount to surviving.

One item you shouldn't be without is rain gear; it will keep you dry and protect you from the cold winter winds. One word of caution, rain gear will also lock moisture in. Heavy exertion with raingear on can produce unwanted moisture that can't escape.



A replacement for rain gear that would be easily available is heavy duty, extra-large plastic lawn/garbage bags. Put the bag over your head and tear or cut a breathing hole for your face. Make sure you exhale to the outside of the bag to keep moisture out of the bag. If the plastic bag goes all the way to the ground, placing a candle by your feet will provide heat for hours. Put a box of these bags in your airplane, they could be a life saver. If you don't have survival equipment with you, there aren't many options. Life will go from bad to dangerously bad in just a short while.

What have you done to assure you will survive until rescue arrives?

1. Being rescued is most important. Did you file a flight plan? Does someone know where you're going and will they call for help if you don't return? Do you have a 406 ELT installed in the airplane? Do you have a Spot Tracker? Do you have a handheld VHF radio to call for help? Do you have a Personal Locator Transmitter?
2. Do you have survival gear and is it put together with the cold weather in mind? Do you have a winter survival tent, tarp and sleeping bags? Do you have the means to start a fire and keep it going?
3. Do you have a medical kit and are you somewhat familiar with its use?
4. Do you have a way of melting snow for water?
5. Do you have food?

Be prepared for the unexpected, it might save your life.

Want to know more about survival techniques? The FAA Civil Aerospace Medical Institute (CAMI) offers a 1-day post-crash survival course for general aviation flight personnel. Details can be found at http://www.faa.gov/pilots/training/airman_education/survival_training/.

NEW YEARS WISHES

The Bureau of Aviation Safety holds a wealth of aviation experience. Within the Bureau there are five CFIs, four ATPs, and even an A & P. We hold multi-engine ratings, have tail wheel endorsements, and hold three different type ratings. We fly fixed wing and rotorcraft, and have combined flight experience of over 50,000 hours. Flight Safety Coordinators Don Cramer and Dale Rust,

Projects Manager Jerry Lay (helping on a part time basis), Airport Certification Specialist Carol Para, and Bureau Chief Linda Schumm got together and came up with their New Years Wishes for 2012.

- ➔ We would like to see more people come out to the airport.
- ➔ We wish pilots, at all experience levels, would look more honestly at the weather in their flight path. We seem to have incredible optimism about the weather conditions around us.
- ➔ We would like to see more pilots grab a friendly CFI and do some take-off and landing practice in different conditions – especially crosswind, short and soft field landings.
- ➔ We wish the economy would improve, and avgas would drop again making flying more affordable.
- ➔ We would like to see more pilots offer to let non-pilots (those people who stand at the airport watching airplanes) get a close up look at their airplanes. Maybe we can't take them for a ride, but we could let them sit in our airplanes and dream of being the pilot.
- ➔ We wish general aviation airports would really get out and promote flight instruction (including flight reviews and introductory flights). This also means promoting the CFI - the backbone of general aviation.
- ➔ We wish there were more flying activities like air derbies, fly outs, poker runs, or any of those other fun things that give us an excuse to fly.
- ➔ We would like to see flight instructors train more in accordance with the Practical Test Standards when preparing applicants for a certificate or rating; this includes the operation and use of ALL equipment installed on the aircraft.
- ➔ We wish there was more aircraft rental availability at our airports.
- ➔ We wish pilots would remember why they learned to fly. Remember the joy and the awe you experience in flight - It is a gift.

And finally, one unnamed Flight Safety Coordinator wishes he could fly an airplane and play the guitar at the same time—And yes teaching more people how to use the rudder and keep the ball in the middle would give him great joy.



AND THEN THERE ARE MAINTENANCE SEMINARS

The Northern Illinois IA Renewal & Maintenance Seminar will be held Thursday, February 16, 2012, at the Itasca Holiday Inn, Itasca, IL. This seminar is sponsored by the IDOT Division of Aeronautics, FAA DuPage FSDO, and Illinois FAAS Team.

One full day of seminars will be offered, which qualify for IA renewal and AMT credit for mechanics. Pilots are welcome. Vendor exhibits will provide an opportunity to explore new products and services.

Seminar speakers will include John Nowicki from Packer Engineering, Tim Sokol from FAA FAAS Team, Rogers Shaw from FAA CAMI, Dennis Wyman from G & N, Mike Lotzer from RAPCO, Bob Bejna from RLB, and Kurt Lawson from Northrup-Grumman.

Date: February 16, 2012

Location: Holiday Inn Itasca, 860 W. Irving Park Road, Itasca, Illinois.

Parking: Free parking is available

Fees: There is no charge for this seminar
Vendor Information: Contact Bob Bejna, (630) 543-9213, email: kb9fur@aol.com.

Schedule:

Registration Opens	7:00 AM
Seminar Begin	7:50 AM
Program Ends	5:00 PM

For more information contact:

Robert Stack, FAA DuPage FSDO

(630) 443-3130, email: Robert.Stack@faa.gov

Carol Para, IDOT Division of Aeronautics

(217) 785-4989, email: Carol.Para@illinois.gov

The Annual Illinois Aviation Maintenance Seminar

will be held Thursday, March 1, 2012, at the Illinois State Fairgrounds. This program is sponsored by the IDOT Division of Aeronautics, FAA Springfield FSDO, Illinois FAAS Team and Safety Program Illinois – Aviation Safety Association Professionals.

One full day of seminars will be offered, which qualify for IA renewal and AMT credit for mechanics. Pilots,

homebuilders and aviation enthusiasts are welcome. Vendor exhibits will provide an opportunity to explore new products and services. Seminar speakers will include Ric Peri from the Aircraft Electronics Association, Dennis Wyman from G & N and Bob Bejna from RLB Accessories.

Date: March 1, 2012

Location: Illinois Building at the Illinois State Fairgrounds *Free parking is available*

Fees: There is no charge for this seminar

Vendor Information: Contact Robert Miller, SPI-ASAP (217) 737-3105, email: Miller_Robert_B@SPI-ASAP.org

Schedule:

Registration Opens	7:00 AM
Seminar Begin	7:50 AM
Program Ends	5:00 PM

For more information contact:

Frank Crawford, FAA Springfield FSDO

(217) 744-1910, email: Frank.Crawford@faa.gov

Carol Para, IDOT Division of Aeronautics

(217) 785-4989, email: Carol.Para@illinois.gov



Linda Schumm, IDOT Bureau Chief Aviation Safety, and Dave Slaybaugh, Manager Springfield FAA FSDO, congratulate Dewey Fitch on receiving the Wright Brothers Master Pilot Award for 50 years of accident free flying.



DAVID SLAYBAUGH RETURNS TO SPRINGFIELD AS MANAGER OF THE FAA FLIGHT STANDARDS DISTRICT OFFICE



It is difficult to describe Dave Slaybaugh – Pilot?, Mechanic?, Aviation enthusiast? Really, Dave is all of the above. Dave began his aviation career while attending high school in Des Moines, Iowa. During this time he soloed his first airplane; helped restore a Stinson L-5; and worked as a lineman and apprentice. After high school he moved to Kansas City where he earned his A & P certificate, his Lighter than Air Free Balloon rating, and completed his Private Pilot Flight Check. Dave went on to earn his Multi-Engine rating, Commercial Pilot Certificate, Flight Instructor Certificate, and ATP. Still pursuing his interest in maintenance, Dave also worked as an Airline Flight Line Mechanic for TWA.

Dave moved to Decatur, Illinois in 1972, where he worked as the Maintenance Manager and charter pilot for the FBO. Working for someone else was not enough, so Dave started his own small FBO providing aircraft maintenance, pilot services, and flight instruction for most all types of general aviation aircraft. He also ran a Part 135 Air Taxi service, and performed contract maintenance for a large air cargo operator.

Dave has flown most of the Cessna, Beech, and Piper general aviation (GA) aircraft along with various other GA aircraft and several antique aircraft. Over the years he has accumulated over 12,000 hours of accident free flying, with time in well over 80 different models of aircraft. As an aircraft mechanic he has worked on many antique aircraft, most of the Cessna, Beech, and Piper series of aircraft, a few helicopters, gliders, warbirds and several airline types such as the Lockheed Constellation series, Boeing 707, 720, 727, Convair 340, 440 and 880 and Douglas DC-3's.

Dave came to the Springfield FAA Flight Standards District Office (FSDO) in 1998. He was an Airworthiness Inspector until he moved to North Dakota to become the Assistant Manager for the FSDO in 2006. In September we welcomed Dave back to Springfield as Manager of the Springfield FSDO. We look forward to working with Dave in his new position.

2012 CALENDAR OF EVENTS

Saturday, January 7, 8:00 AM – 3:30 PM **Super Safety Seminar**

IDOT Harry H. Hanley Building, Springfield, IL
Dale Rust (217) 524-5269

Saturday, January 28, 8:00 AM – 3:30 PM **Chicago Aviation EXPO IFR/VFR & Helicopter Seminar**

Itasca Holiday Inn, Itasca, IL
Carol Para (217) 785-4989

Thursday, February 16, 7:00 AM – 5:00 PM **Northern Illinois IA Renewal & Maintenance Seminar**

Itasca Holiday Inn, Itasca, IL
Carol Para (217) 785-4989

Thursday March 1, 7:00 AM – 5:00 PM **Annual Illinois Aviation Maintenance Seminar**

Illinois State Fairgrounds, Illinois Building,
Springfield, IL
Carol Para (217) 785-4989



Saturday, March 3

**32nd Annual Light Sport Plane & Ultralight
Safety Seminar**

Illinois State Fairgrounds, Illinois Building,
Springfield, IL
Dale Rust (217) 524-5269

May 22-23

2012 Illinois Aviation Conference

Pheasant Run Resort, St. Charles, IL
Mike Lane (217) 528-5230, mike@p-a-m-s.com

Wednesday, May 23

Illinois Aviation Hall of Fame Banquet

Pheasant Run Resort, St. Charles, IL
Madeleine Monaco (847) 358-1747,
www.ilavhalloffame.org/newsletter.htm

If you would like your event added to the Calendar,
please contact the Division of Aeronautics at
(217) 785-8516 or send an e-mail to aero@dot.il.gov.

Cutoff dates for publication are Jan. 30, Apr. 30, July 31 and Oct. 30.

Saturday, June 16, 8:00 AM – 4:00 PM

Wings & Wheels Fly-In / Cruise-In

Pekin Municipal Airport, Pekin, IL
Lori Justus (309) 348-3692

July 13-14

WINGS Weekend

Coles County Memorial Airport, Mattoon, IL
Dale Rust (217) 524-5269 Dale.Rust@illinois.gov

July 23-29

EAA AirVenture Oshkosh

Wittman Regional Airport, Oshkosh, WI
www.airventure.org

August 19

National Aviation Day

November 2-3, 8:30 AM – 5:30 PM

Flight Instructor Refresher Clinic

ISU Bone Student Center, Normal, IL
Linda Schumm (217) 785-8516 aero@dot.il.gov

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